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(54) Title: ANTHRANILAMIDE INSECTICIDES

$$(R^{1})_{n} \xrightarrow{2} N_{R^{2}}$$

$$(R^{2})_{n} \xrightarrow{4} S_{N} C(R^{4}R^{5}) \cdot (CR^{6}R^{7}) \cdot A \cdot (CR^{8}R^{9})_{r} \cdot Si(R^{10}R^{11}R^{12})$$

(57) Abstract: This invention provides compounds of Formula I, N-oxides and suitable salts thereof (INSERT FORMULA I HERE) wherein A is O or S(O)?m#191;J is a phenyl or heterocyclic ring as defined herein; andR₁ through R₁₂, n, m and r are as defined in the disclosure. Also disclosed are methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biologically effective amount of a compound of Formula I, an N-oxide thereof or a suitable salt of the

compound (e.g., as a composition described herein). This invention also pertains to a composition for controlling an invertebrate pest comprising a biologically effective amount of a compound of Formula I, an N-oxide thereof or a suitable salt of the compound and at least one additional component selected from the group consisting of a surfactant, a solid diluent and a liquid diluent.